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copœia of the United States, Ninth Edition, and National Formulary, Fourth Edition, with References to the Titles not Continued from the Preceding Editions." This bulletin is designed to be of use as a comprehensive index to the titles included in the U. S. P. VIII, the U. S. P. IX, the N. F. III, and the N. F. IV and will serve to indicate the present status of any given article. It was thought that a compilation of this kind would be of considerable advantage to officials intrusted with the enforcement of food and drug laws as well as to pharmacists and others whose business requires them to be familiar with the content of the several editions of the Pharmacopœia and the National Formulary. At the present time the titles to be included in one alphabetical list are distributed over six different alphabetical arrangements and four distinct indices. The changes in the scope of the two books and in the titles and composition of articles contained therein serve to emphasize the possible value of a ready reference list to the now official articles.

Applications for this bulletin should be addressed: The Surgeon General, United States Public Health Service, Washington, D. C., and should specify both the number and the title of the publication.

PLAGUE-PREVENTION WORK.

CALIFORNIA.

The following report of plague-prevention work in California for the week ended September 30, 1916, was received from Passed Asst. Surg. Williams of the United States Public Health Service, in charge of the work:

FEDERAL AND COUNTY INSPECTION SERVICE.

(For the enforcement of the law of June 7, 1913.)

Counties.	Number in-spected.	Number rein-spected.	Acres in-spected.	Acres rein-spected.	Acres treated.		Holes treated.
					Waste balls.	Grain.	
Contra Costa.....	5	59	1,483	17,977	.....	3,520	.....
Alameda.....	.....	101	.....	29,967	25	3,491	500
Stanislaus ¹	7	59	2,997	30,150	344	13,920	113
Santa Cruz.....	.....	31	.....	4,082	.....	794	.....
Merced.....	21	16	5,565	14,396	.....	13,581	.....
Monterey.....	26	9	13,465	8,300	.....	11,425	.....
San Benito.....	27	46	15,911	27,607	.....	16,859	.....
Santa Clara.....	52	12	9,876	6,960	.....	3,930	.....
San Mateo.....	8	3	2,470	373	.....	200	.....
Total.....	146	336	51,767	139,812	369	67,720	613

¹ Acres treated with hose and funnel, 93.

RATS COLLECTED AND EXAMINED FOR PLAGUE.

Cities.	Collected.	Examined.	Infected.
Oakland.....	42	42	None.
Richmond.....	30	30	None.
Antioch.....	51	51	None.
Total.....	123	123	None.

RECORD OF PLAGUE INFECTION.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	(1)	126 rats.
Berkeley.....	Aug. 28, 1907	(1)	(1)	None.
Los Angeles.....	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 ²	June 23, 1916	293 squirrels; 1 wood rat.
Contra Costa.....	July 13, 1915	(1)	June 28, 1916	1,629 squirrels.
Fresno.....	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.....	(1)	(1)	May 12, 1916	7 squirrels.
Monterey.....	(1)	(1)	May 27, 1916	38 squirrels.
San Benito.....	June 4, 1913	(1)	July 1, 1916	72 squirrels.
San Joaquin.....	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
Santa Clara.....	Aug. 31, 1910	(1)	June 21, 1916	32 squirrels.
San Luis Obispo.....	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Cruz.....	(1)	(1)	May 30, 1916	5 squirrels.
Stanislaus.....	(1)	(1)	June 2, 1911	18 squirrels.
San Mateo.....	(1)	(1)	June 21, 1916	1 squirrel.

¹ None.² Wood rat.

The work is being carried on in the following-named counties: Alameda, Contra Costa, Stanislaus, Monterey, San Benito, Santa Cruz, Merced, Santa Clara, and San Mateo.

OPERATIONS ON THE WATER FRONT.	OPERATIONS ON THE WATER FRONT—continued.
Number of vessels inspected for rat guards..... 18	Poisons placed on water front..... 3,600
Number of reinspections made on vessels..... 2	Bait used on water front and vessels, bacon (pounds)..... 6
Number of new rat guards procured..... 14	Amount of bread used in poisoning water front (loaves)..... 12
Rats trapped on vessels..... 24	Number of pounds of poison used on water front..... 4
Rats trapped on wharves and water front..... 55	Poisons placed within Panama-Pacific International Exposition grounds (pieces).... 36,000
Number of traps set on vessels..... 129	
Number of traps set on wharves and water front..... 284	
Number of vessels trapped on..... 17	

The following is a record of municipal work performed under the supervision of the United States Public Health Service:

COOPERATIVE MUNICIPAL WORK.	WORK DONE ON OLD BUILDINGS.
Number of premises inspected..... 691	Wooden floors removed..... 8
Number of nuisances abated..... 83	Number yards and passageways, plankings removed..... 3
Number of rats trapped..... 79	Cubic feet new foundation walls installed... 3,440
Number of rats sent to laboratory..... 79	Concrete floors installed (square feet, 8,395)... 10
Number of rats examined..... 76	Number of basements concreted (square feet, 11,070)..... 14
Number of poisons placed..... 50,200	Yards and passageways, etc., concreted (square feet, 3,710)..... 3
Number of garbage cans stamped approved. 500	Total area concrete laid (square feet)..... 23,175
Rats identified:	Number floors rat proofed with wire cloth (square feet, 1,850)..... 2
Mus norvegicus..... 24	
Mus rattus..... 19	
Mus alexandrinus..... 36	

LOUISIANA—NEW ORLEANS—PLAGUE ERADICATION.

The following report of plague eradication work at New Orleans for the week ended October 7, 1916, was received from Passed Asst. Surg. Simpson of the United States Public Health Service, in charge of the work:

OUTGOING QUARANTINE.		LABORATORY OPERATIONS—continued.	
Number of vessels fumigated with sulphur.	3	Rodents received by species—Continued.	
Number of vessels fumigated with cyanide gas.	13	Mus alexandrinus.	184
Pounds of sulphur used.	70	Mus musculus.	9,624
Pounds of cyanide used in cyanide gas fumigation.	775	Wood rats.	169
Pints of sulphuric acid used in cyanide gas fumigation.	1,166	Muskrats.	8
Clean bills of health issued.	44	Putrid.	263
Foul bills of health issued.	3	Total rodents received at laboratory.	11,194
		Rodents examined.	1,692
		Number of rats suspected of plague ¹ .	29
		Plague rats confirmed.	2
FIELD OPERATIONS.		PLAGUE RATS.	
Number of rodents trapped.	10,355	Case No. 338:	
Number of premises inspected.	7,265	Found at No. 548 Tonti Street.	
Notices served.	767	Captured Sept. 15, 1916.	
Number of garbage cans installed.	18	Diagnosis confirmed Oct. 1, 1916.	
		Case No. 339:	
		Found at No. 764 South Liberty Street.	
		Captured Sept. 11, 1916.	
		Diagnosis confirmed Oct. 2, 1916.	
BUILDINGS RAT PROOFED.		PLAGUE STATUS TO OCT. 7, 1916.	
By elevation.	119	Last case of human plague Sept. 8, 1915.	
By marginal concrete wall.	115	Last case of rodent plague Sept. 15, 1916.	
By concrete floor and wall.	150	Total number of rodents captured to Oct. 7.	873,273
By minor repairs.	320	Total number of rodents examined to Oct. 7.	387,152
Total buildings rat proofed.	704		
Square yards of concrete laid.	4,220	Total cases of rodent plague to Oct. 7 by species:	
Number of premises, planking, and shed flooring removed.	81	Mus musculus.	6
Number of buildings demolished.	124	Mus rattus.	21
Total buildings rat proofed to date (abated)	128,502	Mus alexandrinus.	17
		Mus norvegicus.	295
		Total rodent cases to Oct. 7, 1916.	339
LABORATORY OPERATIONS.			
Rodents received by species:			
Mus rattus.	178		
Mus norvegicus.	768		

WASHINGTON—SEATTLE—PLAGUE ERADICATION.

The following report of plague-eradication work at Seattle for the week ended September 30, 1916, was received from Surgeon Lloyd of the United States Public Health Service, in charge of the work:

RAT PROOFING.		RAT PROOFING—continued.	
New buildings inspected.	8	Total concrete laid, new structures (square feet).	44,740
New buildings reinspected.	49	New buildings elevated.	4
Basements concreted, new buildings (square feet, 12,275).	15	New premises rat proofed, concrete.	27
Floors concreted, new buildings (square feet, 22,240).	12	Old buildings inspected.	2
Yards, etc., concreted, new structures (square feet, 1,750).	6	Premises rat proofed, concrete, old buildings.	2
Sidewalks concreted (square feet).	8,475	Floors concreted, old buildings (square feet, 3,775).	2
		Wooden floors removed, old buildings.	2
		Buildings razed.	3

¹ Indicates the number of rodents, the tissues of which were inoculated into guinea pigs. Most of them showed on necropsy only evidence of recent inflammatory process, practically none presented gross lesions characteristic of plague infection.

LABORATORY AND RODENT OPERATIONS.

Dead rodents received.....	11
Rodents trapped and killed.....	330
Rodents recovered after fumigation.....	7
Total.....	348

Rodents examined for plague infection.....	240
Rodents proved plague infected.....	None.
Poison distributed, pounds.....	13
Bodies examined for plague infection.....	3
Bodies found plague infected.....	None.

CLASSIFICATION OF RODENTS.

Mus rattus.....	15
Mus alexandrinus.....	93
Mus norvegicus.....	170
Mus musculus.....	70

WATER FRONT.

Vessels inspected and histories recorded....	16
Vessels fumigated.....	1
Sulphur used, pounds.....	1,500
New rat guards installed.....	11
Defective rat guards repaired.....	22
Fumigation certificates issued.....	15
Port sanitary statements issued.....	51
The usual day and night patrol was maintained to enforce rat guarding and fending.	

MISCELLANEOUS WORK.

Rat-proofing notices sent contractors, new buildings.....	20
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MISCELLANEOUS WORK—continued.

Letters sent in re rat complaints.....	4
Crew's quarters steamship <i>Victoria</i> disinfected, account smallpox.....	
Restaurant permits viséed.....	7

RODENTS EXAMINED IN EVERETT.

Mus norvegicus trapped.....	59
Mus musculus trapped.....	14
Total.....	73
Rodents examined for plague infection.....	64
Rodents proved plague infected.....	0

BAT-PROOFING OPERATIONS IN EVERETT.

New buildings inspected.....	4
New buildings reinspected.....	4
New buildings, concrete foundations.....	2
New buildings elevated.....	2
New buildings, basements concreted (square feet, 1,500).....	1
Total concrete laid, new buildings (square feet).....	1,500

RODENTS EXAMINED IN TACOMA.

Mus norvegicus trapped.....	490
Mus rattus trapped.....	5
Total.....	495
Rodents examined for plague infection.....	308
Rodents proved plague infected.....	0

HAWAII—PLAGUE PREVENTION.

The following reports of plague-prevention work in Hawaii were received from Surg. Trotter of the United States Public Health Service:

Honolulu.

WEEK ENDED SEPT. 30, 1916.

Total rats and mongoose taken.....	356	Average number of traps set daily.....	984
Rats trapped.....	355	Cost per rat destroyed.....	21½ cents.
Mongoose trapped.....	1	Last case rat plague Aiea, 9 miles from Honolulu Apr. 12, 1910.	
Examined microscopically.....	284	Last case human plague, Honolulu, July 12, 1910.	
Examined macroscopically.....	72	Last case rat plague Paauhau, Hawaii, Jan. 18, 1916.	
Showing pest infection.....	None.	Last case human plague Paauhau Plantation Hawaii, Dec. 16, 1915.	
Classification of rats trapped:			
Mus alexandrinus.....	130		
Mus musculus.....	151		
Mus norvegicus.....	50		
Mus rattus.....	24		

Hilo.

WEEK ENDED SEPT. 16, 1916.

Number of rats and mongoose received at laboratory.....	2,415	Classification of rats trapped and found dead:	
Number of rats trapped.....	2,314	Mus norvegicus.....	482
Number of mongoose taken.....	71	Mus alexandrinus.....	301
Number of rats and mongoose examined macroscopically.....	2,415	Mus rattus.....	483
Number of rats and mongoose plague infected.....	None.	Mus musculus.....	1,073

WEEK ENDED SEPT. 23, 1916.

Number of rats and mongoose received at laboratory.....	2,285	Classification of rats trapped and found dead:	
Number of rats trapped.....	2,237	Mus norvegicus.....	400
Number of mongoose taken.....	48	Mus alexandrinus.....	285
Number of rats and mongoose examined macroscopically.....	2,285	Mus rattus.....	528
Number of rats and mongoose plague infected.....	None.	Mus musculus.....	1,024